

**DESCRIPTION**

Bri-Thin cables are an alternative to floor heating mats for tile and stone flooring. With high heating efficiency, they are a more economical option to floor heating mats and suited better for irregular shaped rooms. The cable can be easily formed and adapted to almost any geometrical layout.

Bri-Thin helps to maintain the aesthetics of new interiors and their thin construction makes them apt for renovations of homes, offices, corridors or large areas. The heating cable is so thin that it will add little more than 1/8" additional depth to the finished installation.

**FEATURES**

- Easy to install twin conductor heating cable with mounting track
- Close and uniform spacing of heating cables provides consistent heat
- Maintenance free heating system without any noise, dust or dry air
- Ideal for under tile and stone flooring with little more than 1/8" additional depth added to finished installation
- Optimal flexibility to suit any floor shape or size
- Available in wide range of heat loads and sizes suitable for many types of applications in residential and commercial settings

**CONSTRUCTION**

Resistance heating wire with a primary insulation of fluoropolymer then covered with metal shielding and final outer sheath of PVC.

**TECHNICAL**

VOLTAGE:	Available in 120 and 240 Volt
WATTAGE:	12W/sq ft @ 4" OC spacing 4W/ft linear output
COLD LEAD:	10 feet (3 m)
OUTER DIAMETER:	1/8" (3.3 mm)

**INSTALLATION**

Installation is easy with included spool spinner and Bri-Track mounting strips! The cables may be installed over concrete, wood or any existing sub-floor. Mounting strips are required to fasten cables to the sub-floor. 4" spacing is recommended (cables must not crossover or touch). The electrical connection of the heating system and thermostat should be done only by a qualified electrician.

**THERMOSTAT**

A thermostat which monitors and controls the floor temperature through a remote sensor, mounted in the floor at the time of installation, is required. To assure safety the Bri-Thin cables should be connected to an approved GFCI (Ground Fault Circuit Interrupter). Contact Britech for a variety of thermostats and controls available with an integrated GFCI.

**WARRANTY**

Warranted free from manufacturers defect for 20 years. Visit [www.britech.ca](http://www.britech.ca) for Limited Warranty details.



## OPERATING VOLTAGE | 120 V

PRODUCT REF. CODE	POWER (WATTS)	LOAD (AMPS)	RESISTANCE (OHMS)	LENGTH (FT)	COVERAGE AREA (SQ. FT)
FHTC120-67	67	0.6	214.9	17	5 to 7
FHTC120-120	120	1.0	120.0	30	8 to 12
FHTC120-192	192	1.6	75.0	51	13 to 20
FHTC120-312	312	2.6	46.2	87	21 to 30
FHTC120-396	396	3.3	36.4	107	31 to 40
FHTC120-480	480	4.0	30.0	128	41 to 50
FHTC120-612	612	5.1	23.5	156	51 to 60
FHTC120-756	756	6.3	19.0	194	61 to 75
FHTC120-900	900	7.5	16.0	225	76 to 90
FHTC120-1056	1056	8.8	13.6	287	91 to 105
FHTC120-1192	1192	9.9	12.1	298	106 to 120
FHTC120-1376	1376	11.5	10.5	344	121 to 140
FHTC120-1558	1558	13.0	9.2	390	141 to 155
FHTC120-1620	1620	13.5	8.9	405	156 to 170

## OPERATING VOLTAGE | 240 V

PRODUCT REF. CODE	POWER (WATTS)	LOAD (AMPS)	RESISTANCE (OHMS)	LENGTH (FT)	COVERAGE AREA (SQ. FT)
FHTC240-133	133	0.6	433.1	33	9 to 15
FHTC240-240	240	1.0	240.0	60	16 to 25
FHTC240-384	384	1.6	150.0	102	26 to 40
FHTC240-624	624	2.6	92.3	174	41 to 60
FHTC240-792	792	3.3	72.7	213	61 to 80
FHTC240-960	960	4.0	60.0	256	81 to 95
FHTC240-1224	1224	5.1	47.1	312	96 to 125
FHTC240-1512	1512	6.3	38.1	387	126 to 150
FHTC240-1800	1800	7.5	32.0	449	151 to 180
FHTC240-2016	2016	8.4	28.6	515	181 to 200
FHTC240-2400	2400	10.0	24.0	592	201 to 240
FHTC240-2590	2590	10.8	22.2	649	241 to 260
FHTC240-2750	2750	11.5	20.9	688	261 to 275
FHTC240-2990	2990	12.5	19.3	748	276 to 300
FHTC240-3240	3240	13.5	17.8	810	301 to 325